



Home Sewing Machine
PARTS REFERENCE LIST

MODEL: NV950D/NV950

CONFIDENTIAL

Copyright © 2010 Brother Industries, Ltd.
All rights reserved.

Published: Mar.,2010
Revised: Nov.,2010

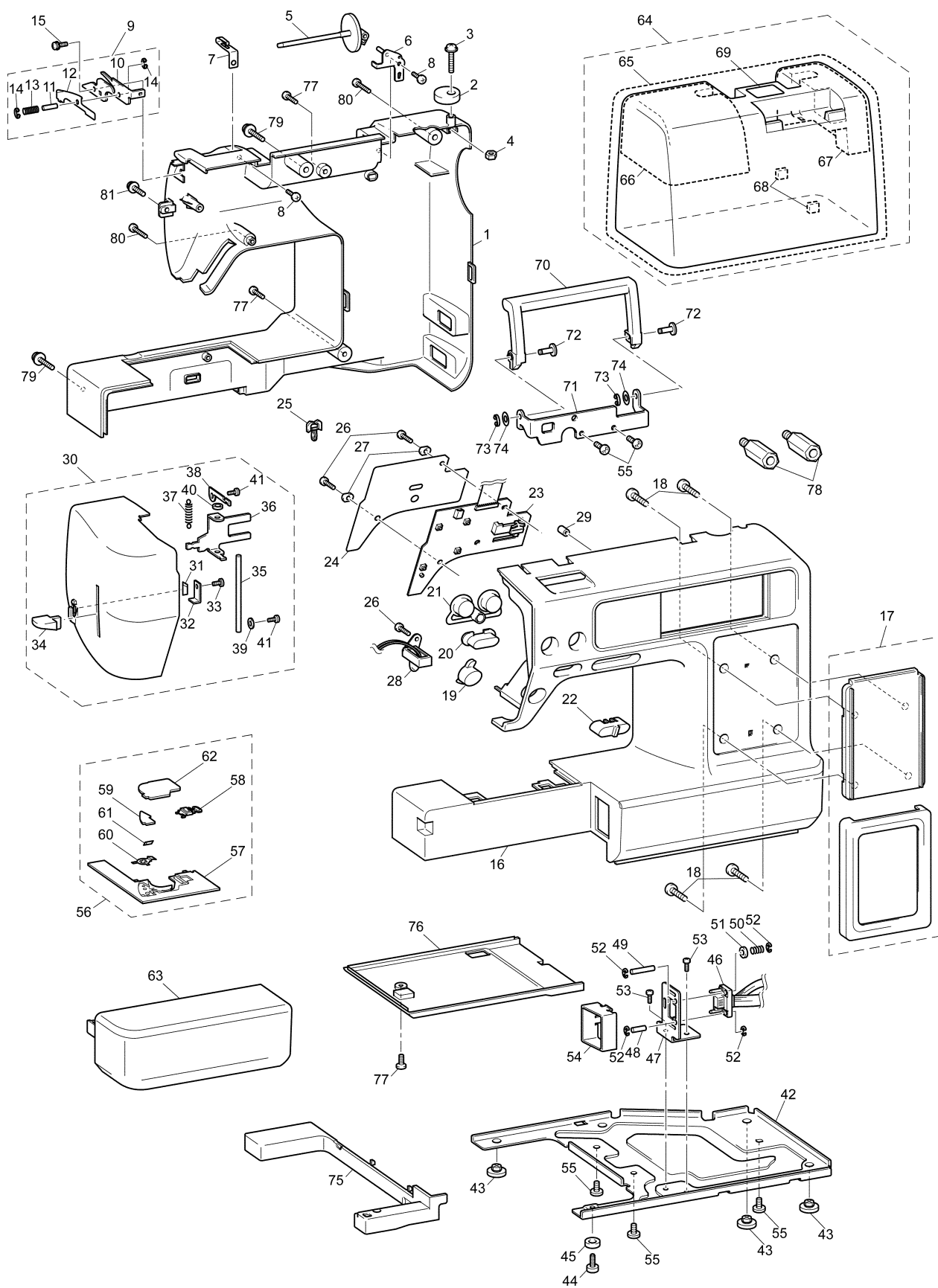
CONTENTS

(1) MAIN FRAME / COVER	2
(2) UPPER SHAFT / NEEDLE BAR / PRESSER FOOT UNIT ...	4
(3) FEED UNIT	6
(4) THREAD CUTTING UNIT	8
(5) BOBIN WINDING / NEEDLE THREADING MECHANISM ...	10
(6) ELECTRIC PARTS / MAIN MOTOR UNIT	12
(7) EMBROIDERY UNIT	14
(8) ACCESSORY PARTS / USER MANUAL / PACKAGE	16
SPARE PARTS.....	18

Note on parts:

We keep performance parts for this sewing machine for at least 8 years after this model is discontinued. Performance parts are the necessary parts to maintain the function of the sewing machine.

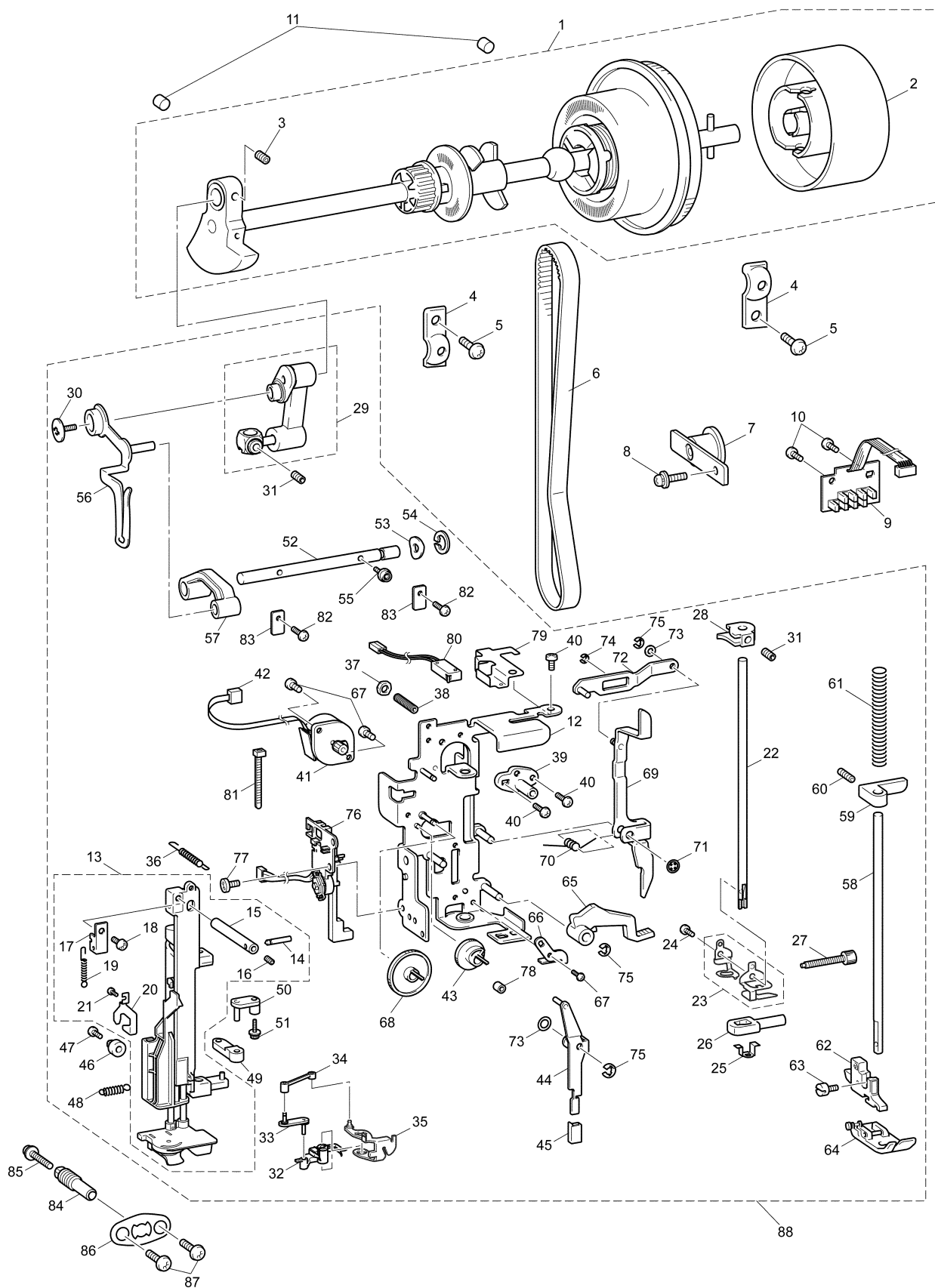
(1) MAIN FRAME / COVER



(1) MAIN FRAME / COVER

No.	CODE	NAME	REMARKS	No.	CODE	NAME	REMARKS
1	XE3351001	REAR COVER		43	XA1805021	BASE RUBBER A	
2	XC4517151	BOBBIN PRESSER	1000018473	44	XC3471021	ADJUSTING SCREW	
3	0A4302006	SCREW PAN (S/P WASHER) M3X20		45	XC3472021	BASE PLATE RUBBER	
4	021300106	NUT 1 M3		46	XD0351051	LEAD WIRE ASSY MAIN BODY FCOMB	
5	XA1786053	SPOOL PIN		47	XE2942001	CONNECTOR HOLDER	
6	XE1394001	SPOOL PIN HOLDER ASSY		48	XD0353051	ES PIN F-A	
7	XE1490101	THREAD GUIDE SUPPORTING PLATE		49	XD0945051	ES PIN F-B	
8	085311216	TAPTITE BIND B M3X12		50	XD0967051	SPRING, COMPRESSION	
9	XE2910001	THREAD GUIDE PLATE ASSY		51	XC2514021	FEED BAR SPACER	
10	XE2911001	THREAD GUIDE PLATE		52	048020346	RETAINING RING E2	
11	XE2912001	SHAFT		53	060300516	SCREW BIND M3X5	
12	XE2913001	THREAD GUIDE SPRING		54	XE3145001	CONNECTOR HOLDER COVER	
13	X57605051	SPRING		55	X57908021	TAPTITE, BIND S M4X10	
14	048020346	RETAINING RING E2		56	XD0354251	NEEDLE PLATE B ASSY	
15	X59642021	SCREW		57	XD0355251	NEEDLE PLATE B	
16	XE8162001	FRONT COVER SUPPLY ASSY:NV950D (NV950D)		58	XC7371022	SLIDE BUTTON	
	XE8753001	FRONT COVER SUPPLY ASSY:NV950 (NV950)	1000018777	59	XD1666052	CUTTER COVER	
17	XE7921001	PHOTO FRAME ASSY (NV950D)		60	XD1461051	NEEDLE PLATE COVER SPRING	
18	136681021	TAPTITE, BIND B M3X8		61	X80321021	NT LOWER THREAD CUTTER	
19	XE3096101	SS BUTTON	1000019614	62	XD1645021	NEEDLE PLATE COVER SUPPLY ASSY	
20	XE2927001	REVERSE BUTTON		63	XE2943204	ACCESSORY TABLE ASSY (NV950D)	1000020034
21	XE2929001	NP BUTTON			XE2943201	ACCESSORY TABLE ASSY (NV950)	1000019881
22	XE2931001	SV KEY TOP		64	XE3862001	CASE ASSEMBLY	
23	XE2934001	SSVR PCB ASSY: CCOM		65	XE3838001	BAG 750X600H	
24	XE2935001	INSULATOR SHEET: CCOM SS		66	XE2949001	POLYSYRENE FOAM PAD CASE L	
25	XC3751021	MINI CLAMP: UAMS-02		67	XE2950001	POLYSYRENE FOAM PAD CASE R	
26	085311016	TAPTITE BIND B M3X10		68	125440050	CASE FELT	
27	XC6363021	BOARD PRESSER		69	XD0271021	MODEL MARK	
28	XE2367001	LED LAMP RIGHT SUPPLY ASSY LE1		70	XE1447001	HANDLE	
29	XE3376001	RUBBER		71	XE2953001	HANDLE HOLDER	
30	XE2937001	FACE PLATE ASSY		72	XE1449001	HANDLE SHAFT	
31	X80321021	NT LOWER THREAD CUTTER		73	048040346	RETAINING RING E4	
32	XE1435001	FACE PLATE CUTTER HOLDER		74	137713020	POLYESTER SLIDER	
33	138433021	TAPTITE, PAN B M3X6		75	XE2954001	BASE FOOT COVER	
34	XC9604051	NEEDLE THREAD LEVER KNOB		76	XE2955001	BOTTOM COVER	
35	XA5825051	NEEDLE THREAD LEVER SHAFT		77	060400816	SCREW BIND M4X8	
36	XC3039151	NEEDLE THREAD LEVER		78	XE2956001	STUD	
37	138260051	THREAD THROUGH LEVER SPRING		79	087411416	TAPTITE CUP B M4X14	
38	XA6320050	SHAFT PRESSER PLATE		80	085301616	TAPTITE BIND P M3X16	
39	XA5525051	WASHER, PLAIN		81	XC7568051	SCREW, PAN (S/P WASHER) M4X14	
40	XC0508020	RUBBER WASHER					
41	085311016	TAPTITE BIND B M3X10					
42	XE2941001	BASE PLATE					

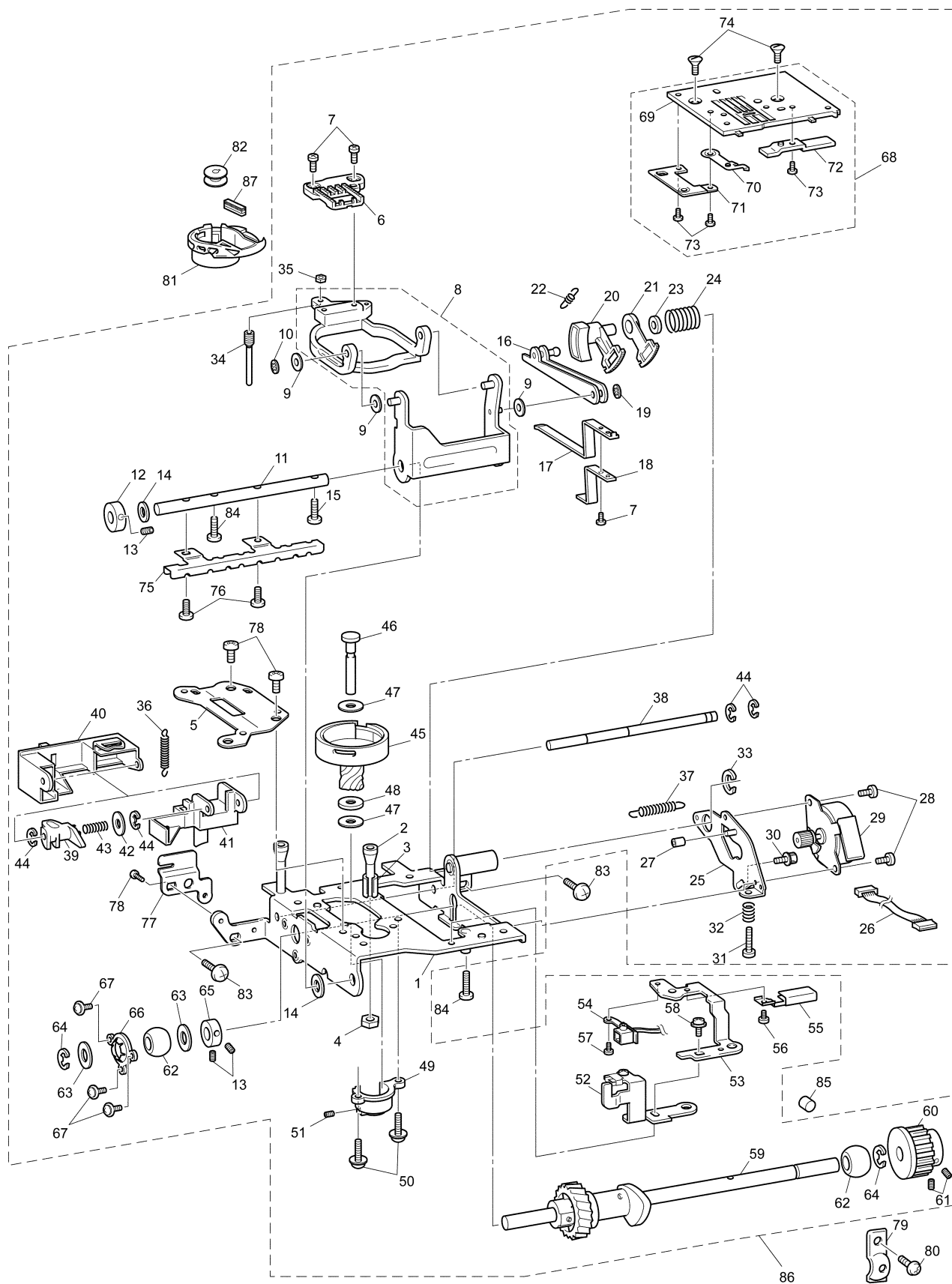
(2) UPPER SHAFT / NEEDLE BAR / PRESSER FOOT UNIT



(2) UPPER SHAFT / NEEDLE BAR / PRESSER FOOT UNIT

No.	CODE	NAME	REMARKS	No.	CODE	NAME	REMARKS
UPPER SHAFT MECHANISM				44	XC8761121	Z ZIGZAG LEVER ASSY	
1	XE3707001	UPPER SHAFT SUPPLY ASSY		45	XC8764020	Z LEVER CAP	
2	XC2375051	PULLEY		46	XC2435020	ZIGZAG ADJUSTING NUT	
3	012500532	SET SCREW SOCKET (FT) M5X5		47	018301032	BOLT SOCKET M3X10	
4	132421021	BUSHING PRESSER		48	XC2748021	SPRING-Z	
5	X57908021	TAPTITE, BIND S M4X10		49	XC2436021	NEEDLE HOLDER BLOCK	
6	XC4869021	T BELT 420-5GT-6		50	XC2437021	SHAFT ASSY	
7	XE3581001	TENSION PULLEY ASSEMBLY		51	XC3037021	SCREW3X10	
8	138172021	SCREW, PAN (S/P WASHER) M4X10		52	XE1470101	TAKE-UP SUPPORT SHAFT	
9	XE3036001	NP PCB ASSY CCOM		53	XZ5030001	WASHER, SPRING	
10	060400816	SCREW BIND M4X8		54	048050346	RETAINING RING E5	
11	XC3183051	FELT		55	XC3338021	SCREW3X8	
NEEDLE BAR / PRESSER FOOT UNIT				56	XC8564031	THREAD TAKE-UP LEVER	
12	XE2967001	BASE HOLDER ASSY CE		57	XC4897020	THREAD TAKE-UP LEVER LINK	
13	XE2970001	NEEDLE BAR HOLDER ASSY		58	XC4898021	PRESSER BAR	
14	XC2420020	SHAFT		59	XC4899121	PRESSER BAR CLAMP	
15	XC8754021	NEEDLE HOLDER SHAFT A		60	XC7207021	SCREW STUD M5	
16	014300532	SET SCREW SOCKET (CP) M3X5		61	XC4900021	SPRING	
17	XC8755020	PLATE		62	XE2555101	PRESSER FOOT HOLDER ASSY	1000022487
18	060300516	SCREW BIND M3X5		63	132730122	TIGHTENING SCREW 3.57	
19	X50476021	SPRING		64	XC3021031	Z FOOT	
20	XE1463001	HOOK RELEASE PLATE		65	XE2982001	PRESSER FOOT LIFTER	
21	0A4200606	SCREW PAN (S/P WASHER) M2X6		66	XE2983001	EMBROIDERY PRESSER STOPPER	
22	XC2423021	NEEDLE BAR		67	060300416	SCREW BIND M3X4	
23	XE7727101	N/B THREAD GUIDE SUPPLY ASSY	1000020604	68	XE2984001	T CAM	
24	X53053052	SCREW SM2.38		69	XE2985001	THREAD RELEASE LEVER ASSY	
25	XC2426020	NEEDLE THREAD PLATE		70	XC4904121	SPRING	
26	XC2427051	NEEDLE BLOCK		71	146200021	RETAINING RING, CS4	
27	XZ0388251	NEEDLE CLAMP SCREW		72	XE2988001	THREAD RELEASER ASSY	
28	XC2434021	NEEDLE THREAD BLOCK		73	137713020	POLYESTER SLIDER	
29	XC6562131	NEEDLE BAR CRANK ROD ASSY		74	048020346	RETAINING RING E2	
30	XE1999001	SCREW, FLAT SM3.57-40X7 L		75	048040346	RETAINING RING E4	
31	012400432	SET SCREW SOCKET (FT) M4X4		76	XE3570001	BH SWITCH ASSY	
32	XE1464501	THREADER HOOK ASSY	1000019655	77	0A4400806	SCREW PAN (S/P WASHER) M4X8	
33	XD1546051	LINK A ASSY		78	XC8773020	RUBBER	
34	XD1548151	LINK B		79	XE1507001	PRESSER SWITCH HOLDER	
35	XE1465001	THREAD GUIDE ASSY		80	XE2991001	PF SWITCH ASSY: CCOM	
36	XC2429021	SPRING		81	X53169020	BAND	
37	X56851021	LOCK NUT		82	X57908021	TAPTITE, BIND S M4X10	
38	014401232	SET SCREW SOCKET (CP) M4X12		83	X50532021	PRESSER PLATE	
39	XC8756021	SHAFT BUSHING		84	XC2504050	ADJUSTING SCREW	
40	060300616	SCREW BIND M3X6		85	XZ0380051	SCREW, PAN (WASHER) M3X18	
41	XE2974001	Z PULSE MOTOR: M35SP-9N CCOM		86	XC6056120	PLATE SPRING	
42	XE2976001	LEAD WIRE ASSY ZPM-CCOM		87	060400816	SCREW BIND M4X8	
43	XE2977001	Z ZIGZAG CAM		88	XE4809001	NEEDLE UNIT SUPPLY ASSY CC	

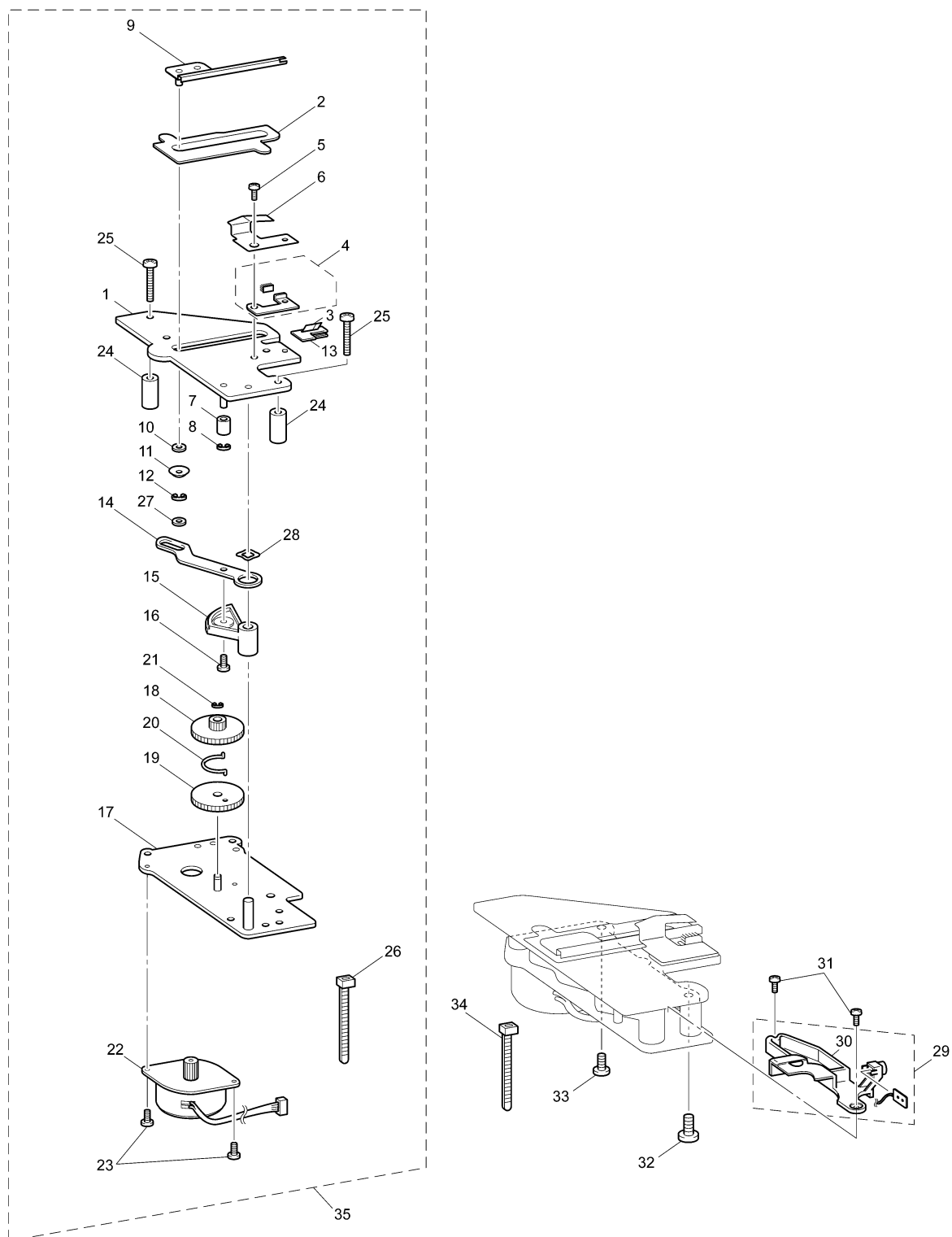
(3) FEED UNIT



(3) FEED UNIT

No.	CODE	NAME	REMARKS	No.	CODE	NAME	REMARKS
1	XE1475101	BASE PLATE ASSY		46	XE1480001	OUTER ROTARY HOOK SHAFT	
2	XC8782021	NEEDLE PLATE SUPPORTER SHAFT B		47	137805022	SPACER	
3	XC8783020	FEED ARM SUPPORTER		48	137976021	WASHER 6	
4	021300106	NUT 1 M3		49	XE1481001	SHAFT SUPPORTER	
5	XE2994001	THREAD CUTTER MODULE SUPPORTER		50	138172021	SCREW, PAN (S/P WASHER) M4X10	
6	XE7489001	FEED DOG	1000020066	51	014400632	SET SCREW SOCKET (CP) M4X6	
7	060300616	SCREW BIND M3X6		52	XE3650101	INNER ROTARY HOOK BRACKET ASSY	
8	XE2015201	FEED BAR ASSY		53	XE2998001	PHOTO DIODE SUPPORTER	
9	137999020	POLYESTER SLIDER		54	XE2999001	PHOTO DIODE HOLDER ASSY	
10	146200021	RETAINING RING, CS4		55	XC7866351	CORD HOLDER	
11	XE2995001	HORIZONTAL FEED SHAFT		56	060260316	SCREW BIND M2.6X3	
12	130676121	SET SCREW COLLAR		57	000020416	SCREW BIND M2X4	
13	014400432	SET SCREW SOCKET (CP) M4X4		58	0A5300806	SCREW PAN (S/P WASHER) M3X8	
14	X50546020	WASHER, THRUST		59	XE3002001	LOWER SHAFT ASSY	
15	060301206	SCREW BIND M3X12		60	XC4943021	TIMING PULLEY D	
16	XC4924021	FEED ARM ASSY		61	014500532	SET SCREW SOCKET (CP) M5X5	
17	XC4927021	FEED SUPPORTING PLATE		62	X52664020	LOWER SHAFT BUSHING	
18	XC4928120	FEED SUPPORTING PLATE B		63	X51383020	WASHER, THRUST	
19	X56655021	RETAINING RING: CSTW-3.5		64	048060346	RETAINING RING E6	
20	XC2527121	FEED ADJUSTER		65	XC8798021	SET COLLAR	
21	XC2529020	F GEAR		66	XC4944021	BUSHING PRESSER B	
22	XC2530021	SPRING		67	085310615	TAPTITE BIND B M3X6	
23	137713020	POLYESTER SLIDER		68	XE1827101	NEEDLE PLATE A ASSY	
24	XC2531021	SPRING		69	XE1828201	NEEDLE PLATE A	
25	XC8791021	FPM HOLDER SUB ASSY		70	XC9728051	STOPPER PLATE	
26	XE3173001	LEAD WIRE ASSY FPM-CCOM		71	XE1488001	NEEDLE PLATE B SUPPORT PLATE	
27	XC8773020	RUBBER		72	XE8544001	F GEAR STOPPER PLATE	
28	060300416	SCREW BIND M3X4		73	060260316	SCREW BIND M2.6X3	
29	XE3637001	FPM INSULATION ASSY CCOM		74	X50487021	SCREW M4	
30	XC3338021	SCREW3X8		75	XE3004001	LEAD WIRE GUIDE HOLDER	
31	018402533	BOLT SOCKET M4X25		76	060300416	SCREW BIND M3X4	
32	XC2537021	SPRING		77	XE3005001	THREAD CUTTER MODULE SUPPORTER	
33	XC9924021	RETAINING RING 10		78	060400516	SCREW BIND M4X5	
34	XC3941021	VERTICAL ADJUSTER SCREW ASSY		79	132421021	BUSHING PRESSER	
35	XC2546021	M5 NUT		80	X57908021	TAPTITE, BIND S M4X10	
36	XE1940001	SPRING		81	XE7560001	INNER ROTARY HOOK ASSY	
37	XE1478001	SPRING		82	X52800120	BOBBIN	
38	XC8794021	VERTICAL FEED SHAFT		83	XE1489001	STUD SCREW M4	
39	XC2551020	VERTICAL LEVER		84	060301206	SCREW BIND M3X12	
40	XE1479001	DROP KNOB		85	XC3183051	FELT	
41	XE2996001	DROP LEVER					
42	025040332	WASHER PLAIN L 4		86	XE4814101	FEED UNIT SUPPLY ASSY CC	
43	XC2550021	SPRING		87	XC3137000	PILE	1000019975
44	048030346	RETAINING RING E3					
45	XC4141121	OUTER ROTARY HOOK ASSY					

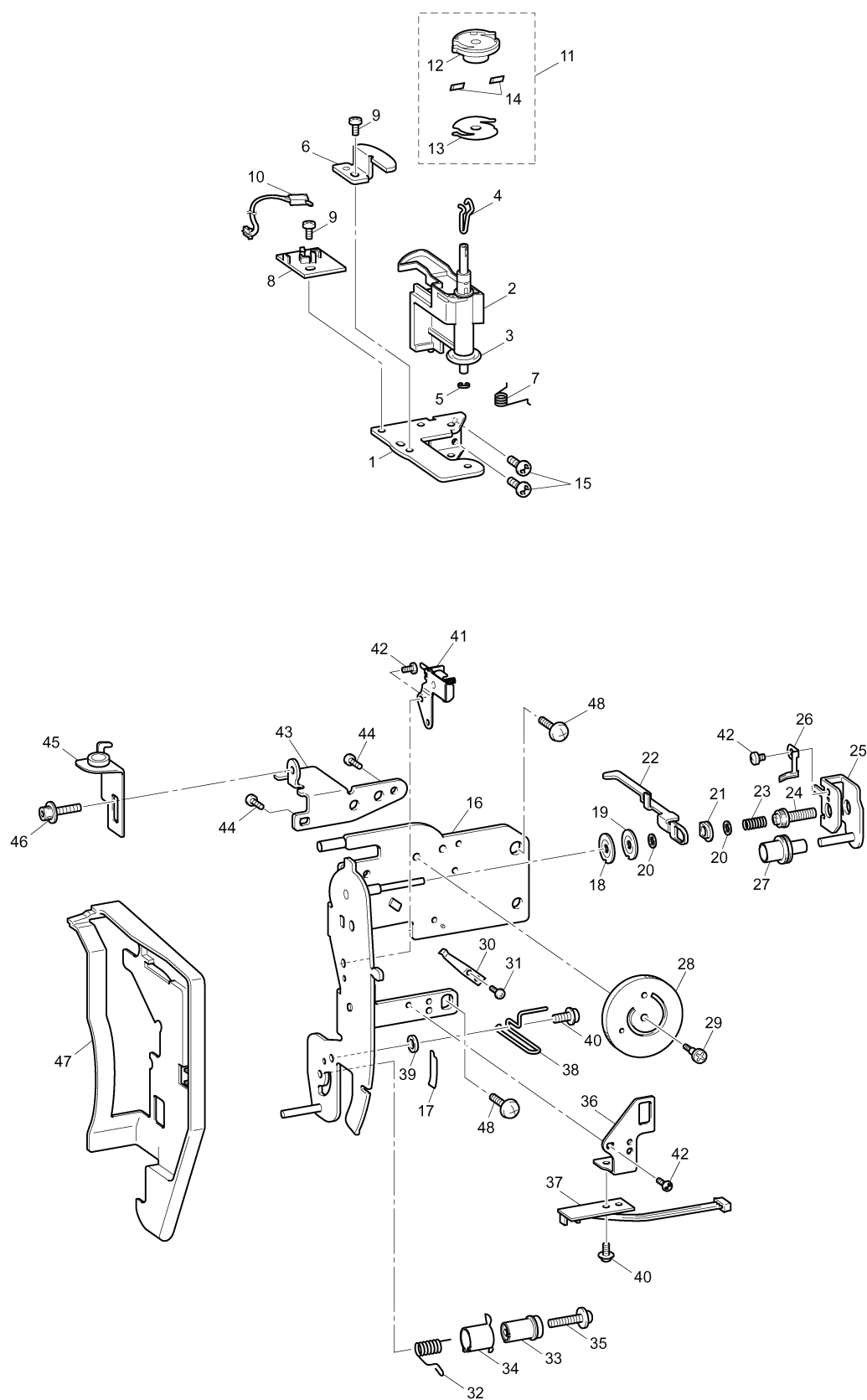
(4) THREAD CUTTING UNIT



(4) THREAD CUTTING UNIT

No.	CODE	NAME	REMARKS
1	XC9733051	THREAD CUTTER FRAME ASSY	
2	XC9735050	SPACER	
3	X80321021	NT LOWER THREAD CUTTER	
4	XE4994001	PRESSER PLATE ASSY	
5	060300516	SCREW BIND M3X5	
6	XC2598120	SPRING PLATE	
7	XC2587020	RUBBER	
8	048030346	RETAINING RING E3	
9	XC2583121	THREAD HOOK ASSY	
10	137713020	POLYESTER SLIDER	
11	X56731020	WASHER	
12	048040346	RETAINING RING E4	
13	XC9736050	CUTTER HOLDER	
14	XC2581221	THREAD CUTTER LEVER	
15	XC2582020	THREAD CUTTER LEVER GEAR	
16	0A4300605	SCREW PAN (S/P WASHER) M3X6	
17	XC2588321	MOTOR HOLDER ASSY	
18	XC2592020	IDLE GEAR A	
19	XC2593020	IDLE GEAR B	
20	X56323021	SPRING	
21	048020346	RETAINING RING E2	
22	XC2331121	MOTOR PULSE: C SMJ35-4840-B	
23	060300416	SCREW BIND M3X4	
24	XC2594121	COLLAR	
25	060402016	SCREW BIND M4X20	
26	X53169020	BAND	
27	137713020	POLYESTER SLIDER	
28	XC8407020	WAVE-SHAPE SPRING WASHER	
29	XE3186001	PHOTO TRANSISTOR ASSY	
30	XC9199051	SENSOR HOLDER	
31	0A4300605	SCREW PAN (S/P WASHER) M3X6	
32	060400516	SCREW BIND M4X5	
33	060300516	SCREW BIND M3X5	
34	X53169020	BAND	
35	XD0075352	THREAD CUTTER SUPPLY ASSY	

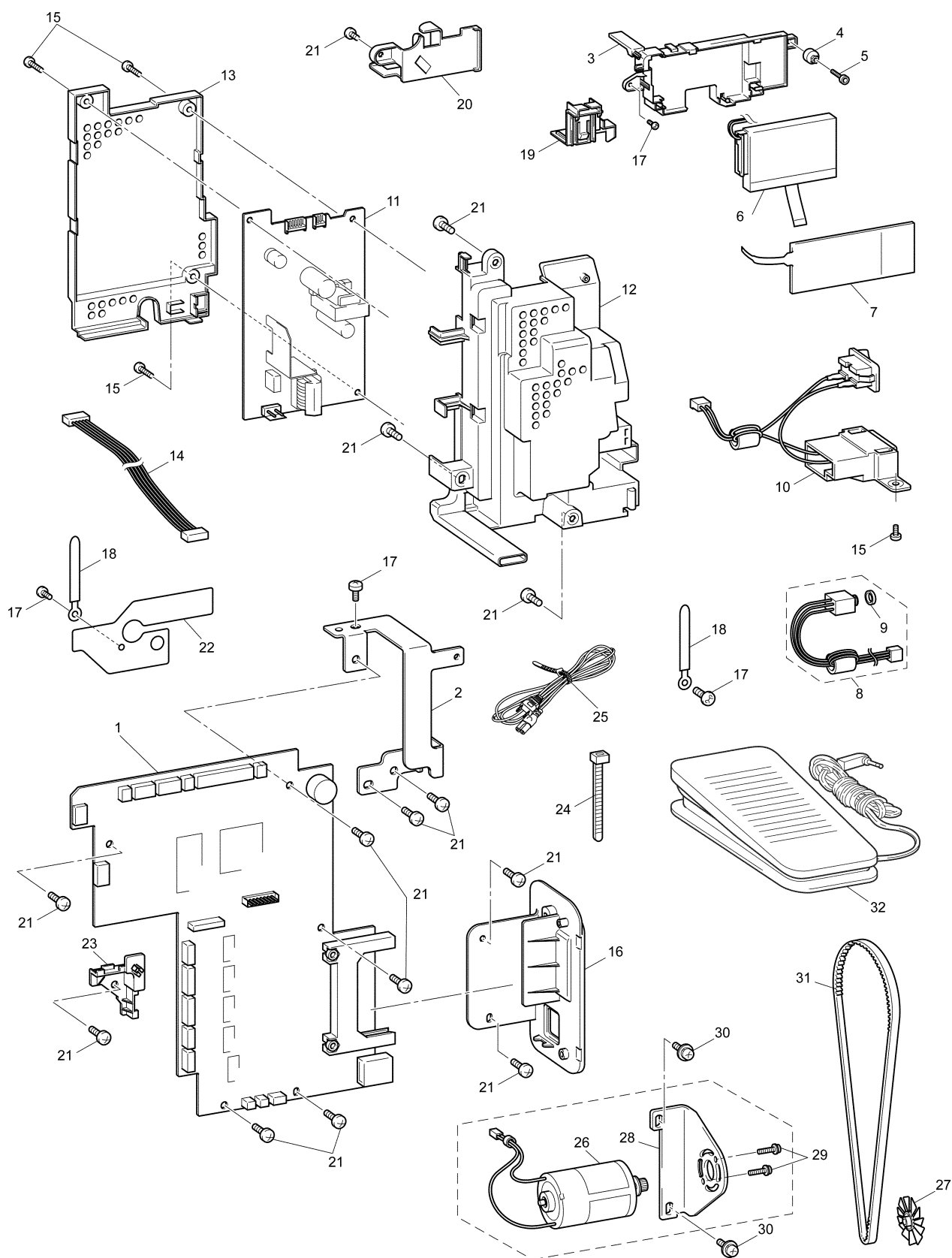
(5) BOBIN WINDING / NEEDLE THREADING MECHANISM



(5) BOBIN WINDING / NEEDLE THREADING MECHANISM

[illegible]

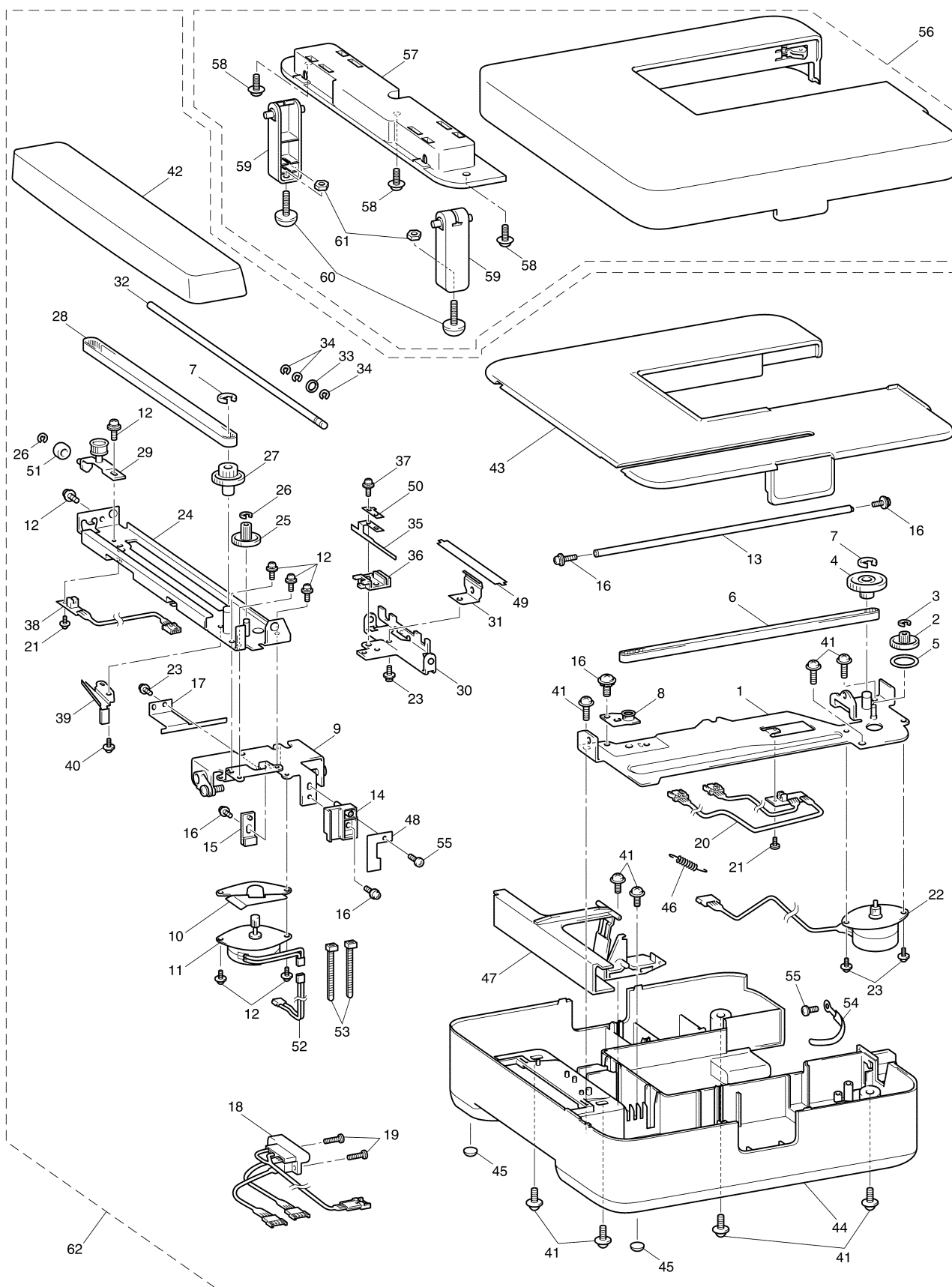
(6) ELECTRIC PARTS / MAIN MOTOR UNIT



(6) ELECTRIC PARTS / MAIN MOTOR UNIT

No.	CODE	NAME	REMARKS	No.	CODE	NAME	REMARKS
ELECTRIC PARTS				MAIN MOTOR UNIT			
1	XE8224001	MAIN PCB SUPPLY ASSY V97 (NV950D)		26	XE3266001	MAIN MOTOR SUB ASSY: CCOM (NV950D: USA, BRA:120V)	
	XE8751001	MAIN PCB SUPPLY ASSY V95 (NV950)	1000018777		XE9044001	MAIN MOTOR SUB ASSY: CCOM-2 (OTHER)	1000020270
2	XE3032001	LCD SUPPORTER		27	XC3803020	MOTOR FAN	
3	XE3033001	LIGHT PLATE ASSY		28	XE3046001	MOTOR HOLDER	
4	XC2435020	ZIGZAG ADJUSTING NUT		29	0A5300806	SCREW PAN (S/P WASHER) M3X8	
5	018301232	BOLT SOCKET M3X12		30	XA8474021	UPSET 4X12 DB	
6	XD0830051	LCD SUPPLY ASSY	1000020645	31	XC2685051	T BELT494-2GT-6	
7	XE8250001	TOUCH PANEL ASSY (NV950D)		32	XC8816021	FOOT CONTROLLER: FC-322-81-LF (NV950D, NV950: RUS, HKG, SGP, UAE, AUS, NZL)	
	XE8250003	TOUCH PANEL ASSY (NV950)	1000018777		XD0501021	FOOT CONTROLLER:FC-322-LF-EU (NV950: OTHER)	1000018777
8	XE3653001	FC JACK SUPPLY ASSY: CCOM					
9	XD1973021	NUT F					
10	XE3183001	INLET ASSY: CCOM UL (120V)					
	XE4205001	INLET ASSY: CCOM EU (230V)	1000018777				
	XE3267001	INLET ASSY: CCOM (BRA: 120V)	1000019943				
11	XE8219001	POWER PCB SUPPLY ASSY 120:CSUB (120V)					
	XE8752001	POWER PCB SUPPLY ASSY 230:CSUB (220V, 230V)	1000018777				
12	XE3039101	INSULATION COVER					
13	XE3040101	INSULATION PLATE					
14	XE3041001	POWER LEAD WIRE ASSY: CCOM					
15	085311015	TAPTITE BIND B M3X10					
16	XE7835001	CARD COVER					
17	060400516	SCREW BIND M4X5					
18	XA0286021	WIRE CLIP					
19	XE3043001	CORD GUIDE					
20	XE3044001	CORD GUIDE A					
21	060400816	SCREW BIND M4X8					
22	XE3318001	INSULATE SHEET CCOM BACK					
23	XE3045001	SUPPORTER MAIN PWB					
24	X53169020	BAND					
25	XC6052021	POWER SUPPLY CORD: UL CSA-LF (NV950D)					
	XA0070121	POWER SUPPLY CORD (NV950: OTHER)	1000018777				
	X59354121	POWER SUPPLY CORD -BS (NV950: UK, IRE, HKG)	1000019884				
	XE3210001	POWER SUPPLY CORD:BRZ (NV950D: BRA:120V)	1000019943				
	XE4301001	POWER SUPPLY CORD:BRZ 220V (NV950D: BRA:220V)	1000019944				
	XC9548021	POWER SUPPLY CORD:SAA-LF (NV950: AUS, NZL)	1000022035				

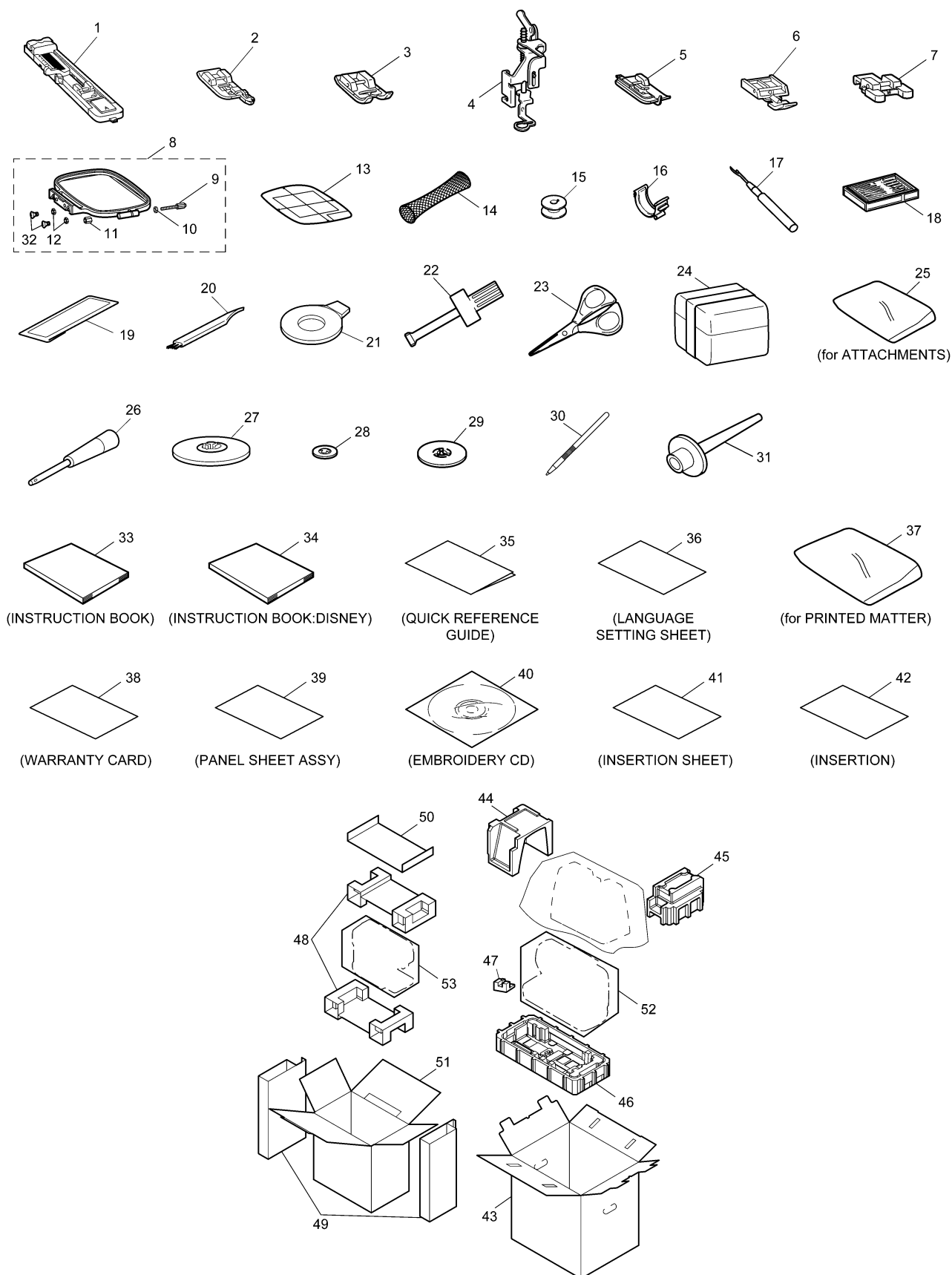
(7) EMBROIDERY UNIT



(7) EMBROIDERY UNIT

No.	CODE	NAME	REMARKS	No.	CODE	NAME	REMARKS
1	XC3807021	MAIN FRAME ASSEMBLY		46	XA1899021	SPRING	
2	XC4153020	X GEAR		47	XC3824121	HANDLE	
3	048030346	RETAINING RING E3		48	XA5352020	CORD PRESSER	
4	XC4154020	X DRIVING GEAR		49	XA6281020	Y PRESSER PLATE	
5	X53330020	WASHER		50	XA6334020	SHUTTER PRESSER PLATE	
6	X58715021	T BELT 40S2M400		51	XA6152021	ROLLER ASSY	
7	048060346	RETAINING RING E6		52	XC5001021	LEAD WIRE ASSY, YPM	
8	XA5308021	X TENSION PULLEY ASSY		53	X53169020	BAND	
9	XC3809021	X CARRIAGE GUIDE PLATE ASSY		54	X52318021	COACHING CLIP CS-2	
10	XA5314020	CORD GUIDE		55	085310815	TAPTITE BIND P M3X8	
11	XC3811021	MOTOR, PULSE: Y SMJ35-4823-C		56	XE3053002	ES TOP COVER ASSY (NV950D)	
12	XC7564021	SCREW, PAN (S/P WASHER) M3X6			XE3053001	ES TOP COVER ASSY (NV950)	1000019881
13	XA5316021	X GUIDE SHAFT		57	XE3058001	ES FOOT COVER	
14	XA5317120	X SLIDER		58	087411416	TAPTITE CUP B M4X14	
15	XA5318120	X BELT PRESSER		59	XE3059001	ES FOOT	
16	0A4400806	SCREW PAN (S/P WASHER) M4X8		60	XD1223021	ADJUSTING FOOT	
17	XC5350020	X SHUTTER		61	021400206	NUT 2 M4	
18	XE3182001	LEAD WIRE ASSY: EMB UNIT					
19	085301616	TAPTITE BIND P M3X16		62	XE7511001	EMBROIDERY SUPPLY ASSY (NV950D)	
20	XE3176001	XSENS PCB ASSY: CCOM			XE7628001	EMBROIDERY SUPPLY ASSY EU (NV950)	1000020180
21	000020416	SCREW BIND M2X4					
22	XC3815021	MOTOR, PULSE: X SMJ40-4888-A					
23	0A4300506	SCREW, PAN (S/P WASHER) M3X5					
24	XA5324221	X CARRIAGE ASSY					
25	XC4155020	Y GEAR					
26	048020346	RETAINING RING E2					
27	XC4156120	Y DRIVING GEAR					
28	XA5330021	T BELT 40S2M316					
29	XA6151021	Y TENSION PULLEY ASSY					
30	XA5338021	Y CARRIAGE					
31	XC5287121	NOTCHED SPRING					
32	XA5340121	Y GUIDE SHAFT					
33	103810022	WASHER, WAVE SPRING					
34	048040346	RETAINING RING E4					
35	XA5341120	Y SHUTTER					
36	XA5342120	Y SLIDER					
37	XA8390021	SCREW					
38	XE3178001	YSENS PCB ASSY: CCOM					
39	XA5346020	CORD HOLDER					
40	060300416	SCREW BIND M3X4					
41	087411416	TAPTITE CUP B M4X14					
42	XC2133025	CARRIAGE COVER					
43	XE3398001	ES COVER U					
44	XE3052001	ES COVER D					
45	X59853020	RUBBER CUSHION					

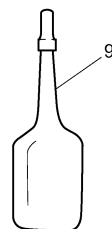
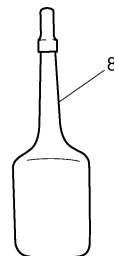
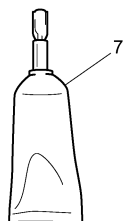
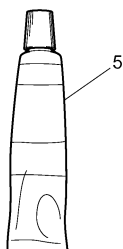
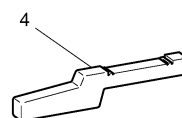
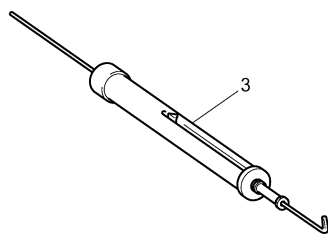
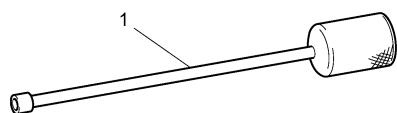
(8) ACCESSORY PARTS / USER MANUAL / PACKAGE



(8) ACCESSORY PARTS / USER MANUAL / PACKAGE

[illegible]

SPARE PARTS



SPARE PARTS

[illegible]

brother®

NV950D/NV950
03C10HF885V97